

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/002354 A1

(51) International Patent Classification⁷: A23J 1/00, 3/32, 1/10, A23K 1/10, C05F 1/00

(21) International Application Number: PCT/US2004/020829

(22) International Filing Date: 24 June 2004 (24.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/482,129 24 June 2003 (24.06.2003) US

(71) Applicant (for all designated States except US): CARGILL, INCORPORATED [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CHENAULT, Darren, V. [US/US]; 827 Fox Trail, Buffalo, MN 53313 (US).

(52) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(73) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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(54) Title: RECOVERY OF PEPTONES

Protein-Containing Material

Preparation

Reaction

Pre-Filtering (optional)

Separation (optional)

Purification or Spray Drying (optional)

Peptone Mixture

(57) Abstract: The present invention relates to an effective process for converting animal-derived protein-containing material into a peptone mixture. The process comprises a step involving alkaline hydrolysis of the protein-containing material. The hydrolysis step can be rapid and typically requires only a low concentration of alkaline material. The overall conversion process can produce a high yield of small peptones and other peptides. The resulting peptones may be further separated, purified or otherwise processed to provide desired properties such as molecular weight distribution, water solubility, dry color and dry flowability.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Published:

— with international search report

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